

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A loudspeaker comprising:

an acoustic panel having a first main surface and, extending substantially parallel thereto, a second main surface and comprising;

5 an electrical exciter positioned on a side of said acoustic panel comprising said first main surface and arranged on the first main surface, the acoustic panel producing acoustic

radiation upon energization of the exciter, at least subsequently as a result of bending waves produced in the acoustic panel,

10 characterized in that the loudspeaker has; and

a tuning element positioned on a side of said acoustic panel comprising said second main surface, disposed near the second main surface and extending at least partly opposite the exciter, so as to form said tuning element forming a resonant cavity between

15 with the acoustic panel and the tuning element.

2. (Currently Amended) A-The loudspeaker as claimed in claim

1, characterized in that the tuning element is disc-shaped and extends at least substantially parallel to the acoustic panel.

3. (Currently Amended) A-The loudspeaker as claimed in claim 1, characterized in that the tuning element is annular and extends at least substantially parallel to the acoustic panel.

4. (Currently Amended) A-The loudspeaker as claimed in claim 1, characterized in that the tuning element is secured to the acoustic panel.

5. (Currently Amended) A-The loudspeaker as claimed in claim 1, characterized in that a shortest distance in the range from 1 to 4 mm exists between the tuning element and the acoustic panel.

6. (Currently Amended) A-The loudspeaker as claimed in claim 1, characterized in that, positioned on a side of said acoustic panel comprising said second main surface and disposed near the second main surface, the loudspeaker is provided with further comprises an acoustically transparent cover which extends at least substantially parallel to the acoustic panel, the tuning element being integrated in the cover.

7. (Currently Amended) A-The loudspeaker as claimed in claim 1, characterized in that the acoustic panel has comprises two walls extending at least substantially parallel to each other and connected to each other, and has comprises a structure of strip-

5 shaped partitions extending between the walls of the acoustic
panel, each of said strip-shaped partitions having a longitudinal
axis and the longitudinal axes of all of said strip-shaped
partitions extending at least parallel to each other and parallel
to the walls, said strip-shaped partitions being further secured to
10 the walls, the walls and the strip-shaped partitions being made of
a material which, used in the acoustic panel, has an internal
damping which is at least 2.5% of the critical damping of the
relevant material, used in the acoustic panel.

8. (Currently Amended) A-The loudspeaker as claimed in claim
7, characterized in that the strip-shaped partitions extend at
least substantially parallel to each other and extend at least
substantially perpendicularly to the walls.

9. (Currently Amended) A-The loudspeaker as claimed in claim
1, characterized in that the loudspeaker has a frame, the acoustic
panel being connected to the frame with the aid of a connecting
means, the connecting means comprising an annular strip of a soft
5 material, which said annular strip is being interposed between a
circumferential edge portion of the acoustic panel and a portion of
the frame.

10. (Currently Amended) A-The loudspeaker as claimed in claim
1, characterized in that the loudspeaker has a rear wall which
~~extends~~extending at least substantially parallel to the acoustic
panel, which said rear wall ~~forms~~forming a cavity with the
5 acoustic panel, the rear wall being formed with one or more
frequency-tuned apertures.